

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: May 19, 2022

Utility Name (Cert. No.) (363) City of Tenakee Springs d/b/a Tenakee Springs Electric Utility Department	Utility File No. PC20-0916W	Date Filed: May 2, 2022
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PCE AMOUNT SUMMARY	Previously Calculated PC20-0916V	Staff Recommended Amount(s) and Effective Date PC20-0916W
Class Rate	<u>Date Approved:</u> December 17, 2021	May 20, 2022
ALL	\$0.3744	\$0.4861
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 3.9900</u>	New Fuel Purchase Price: <u>\$ 5.2600</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.09</u> Updated <u>0.22</u>

Signed: _____

Brenda Cox

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 5/19/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKT</i>		
Scott		<i>AGS</i> <small>AGS</small>		
Sullivan		<i>AL</i> <small>DS</small>		
Wilson		<i>Juku</i> <small>JW</small>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

City of Tonawee Springs d/b/a Tonawee Springs Electric Utility Department
POWER COST EQUALIZATION CALCULATION
BASED ON YEAR ENDING JUNE 30, 2016
Fuel Cost Update and Surcharge Change

APPENDIX 1

	PC20-0916V	PC20-0916W	
	Prior Staff Calculated	Utility Request	Staff Recommended
A. Total kWh Generated	411,650	411,650	411,650
B. Total kWh Sold (Appendix 2)	349,582	349,582	349,582
C. Total Non-Fuel Costs (Appendix 2)	78,555	78,555	78,555
D. Non-Fuel Cost/kWh (C / B)	\$0.2247	\$0.2247	\$0.2247
E. Total Fuel Costs (Appendix 2)	129,224	170,356	170,356
F. Fuel Costs/kWh (E / B)	\$0.3697	\$0.4873	\$0.4873
G. Eligible Costs/kWh (D + F)	\$0.5944	\$0.7120	\$0.7120
H. Eligible Cost/kWh (G) less base rate in effect	\$0.3941	\$0.5117	\$0.5117
I. Lesser of (H) or 79.97 cents/kWh	\$0.3941	\$0.5117	\$0.5117
J. Average Class Rates (Appendix 3)			
ALL	\$0.4397	\$0.5697	\$0.5697
Class Power Cost Equalization Per KWh Payable			
K. Lesser of: (I) x 95% or (J)			
ALL	\$0.3744	\$0.4861	\$0.4861
L. Funding Level in Effect	100%	100%	100%
ALL	\$0.3744	\$0.4861	\$0.4861

PC20-0916W
Appendix 1

City of Tonakee Springs d/b/a Tonakee Springs Electric Utility Department
SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON YEAR ENDING JUNE 30, 2016
Fuel Cost Update and Surcharge Change

APPENDIX 2

		PC20-0916V	PC20-0916W	
		Prior Commission Approved	Per Utility	Staff Recommended
Non-Fuel Costs:				
A. Personnel Expense		46,788	46,788	46,788
B. Operating Expense		9,559	9,559	9,559
C. General & Administrative		16,054	16,054	16,054
D. Depreciation Expense		6,734	6,734	6,734
E. Other Income :Pole Rental		(580)	(580)	(580)
F. Total Non-Fuel Costs		78,555	78,555	78,555
Fuel Costs:				
G. Gallons Consumed for Electric Generation		32,387	32,387	32,387
H. Most Recent Price	\$5.2600	3.9900	5.2600	5.2600
I. Date Purchased	5/3/2022			
J. Total Fuel Costs		129,224	170,356	170,356
K. kWh Generated		411,650	411,650	411,650
L. kWh Sales		349,582	349,582	349,582
M. kWh Station Service		12,670	12,670	12,670
N. Efficiency (K /G)	≥	12.71	12.71	12.71
(kWhs sold per gallons consumed)				
O. Line Loss	≤	12.00%	12.00%	12.00%
(kWh generated -(kWh sold + Station Service)/kWh generated				

Signature: 

Email: bob.pickett@alaska.gov

Signature: 
 Keith Kurber II (May 19, 2022 08:03 AKDT)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

PC20-0916W
 Appendix 2

Signature: 
 Daniel Sullivan (May 19, 2022 10:54 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: 
 Janis W. Wilson (May 19, 2022 11:51 AKDT)

Email: janis.wilson@alaska.gov

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.5500	0.2200	0.7700	385.0000		
to						
to						
to						
Max 500			Total	385.0000	0.7700	0.5697

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			